**PIZZA SALES SQL QUERIES**

**A. KPI’s**

**1. Total Revenue:**

select sum(quantity) as total\_pizza\_sold, sum(price) as total\_revenue from order\_details

join pizzas using (pizza\_id);



**2. Average Order Value**

select sum(price) / count(distinct(order\_id)) as avg\_order\_value from pizzas

join order\_details using (pizza\_id);



**3. Total Pizzas Sold**

select sum(quantity) as pizza\_sold from order\_details;



**4. Total Orders**

select count(distinct(order\_id)) as total\_orders from orders;



**5. Average Pizzas Per Order**

SELECT CAST(CAST(SUM(quantity) AS DECIMAL(10,2)) /

CAST(COUNT(DISTINCT order\_id) AS DECIMAL(10,2)) AS DECIMAL(10,2))

AS Avg\_Pizzas\_per\_order

FROM orders

join order\_details using (order\_id);



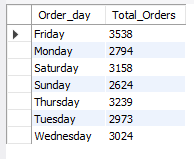
**B. Daily Trend for Total Orders**select dayname(date) as Order\_day,

count(distinct(order\_id)) as Total\_Orders

from order\_details

join orders using (order\_id)

group by dayname(date);

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**C. Monthly Trend for Orders**

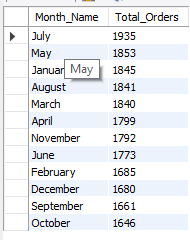
select monthname(date) as Month\_Name,

count(distinct(order\_id)) as Total\_Orders

from order\_details

join orders using (order\_id)

group by monthname(date);

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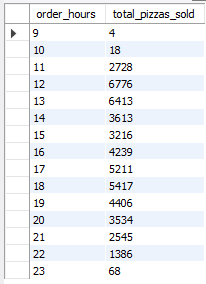
**D. Hourly Trend for Total Pizzas Sold**

SELECT hour(order\_time) as order\_hours, SUM(quantity) as total\_pizzas\_sold

from pizza\_sales

group by order\_hours

order by order\_hours;



**E. % of Sales by Pizza Category**

select category,cast(sum(price) as decimal(10,2)) as Total\_Revenue

from order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

group by category;

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**F. % of Sales by Pizza Size**

SELECT pizza\_size, CAST(SUM(total\_price) AS DECIMAL(10,2)) as total\_revenue,

CAST(SUM(total\_price) \* 100 / (SELECT SUM(total\_price) from pizza\_sales) AS DECIMAL(10,2)) AS PCT

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY pizza\_size

***Output***

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**G. Total Pizzas Sold by Pizza Category**

SELECT category as Pizza\_Category, SUM(quantity) as Total\_Quantity\_Sold

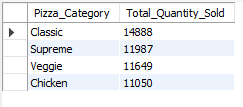
FROM order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

GROUP BY category­

ORDER BY Total\_Quantity\_Sold DESC;

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**H. Top 5 Pizzas by Revenue**

select name as Pizza\_Name ,cast(sum(price) as decimal(10,2)) as Total\_Revenue

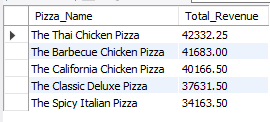
from order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

group by name

order by total\_revenue desc limit 5;

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**I. Bottom 5 Pizzas by Revenue**

select name Pizza\_Name,cast(sum(price) as decimal(10,2)) as Total\_Revenue

from order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

group by name

order by total\_revenue asc limit 5;

**J. Top 5 Pizzas by Quantity**

select name as Pizza\_Name, sum(quantity) as Pizza\_sold

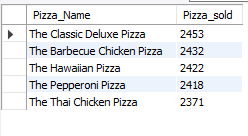
from order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

group by name

order by Pizza\_sold desc limit 5;

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**K. Bottom 5 Pizzas by Quantity**

select name as Pizza\_Name, sum(quantity) as Pizza\_sold

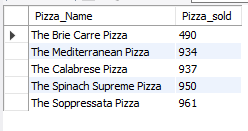
from order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

group by name

order by Pizza\_sold asc limit 5;

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**L. Top 5 Pizzas by Total Orders**

select name as Pizza\_Name, count(distinct(order\_id)) as Total\_orders

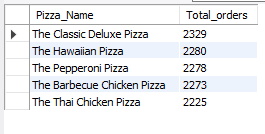
from order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

group by name

order by total\_orders desc limit 5;

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**M. Borrom 5 Pizzas by Total Orders**

select name as Pizza\_Name, count(distinct(order\_id)) as Total\_orders

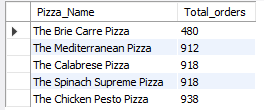
from order\_details

join pizzas using (pizza\_id)

join pizza\_types using (pizza\_type\_id)

group by name

order by total\_orders ASC limit 5;

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